# ABSTRACT

## A Method and System for Integrating Interaction
## Protocols Between Two Entities

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A method of and system for defining a common interactions protocol between two entities is described. The method comprises inputting a description of each entity's messaging guidelines, the description including the entity's constraints on interacting with the other entity; calculating the union of the two descriptions; determining whether the union is satisfiable using a constraint resolver; providing the intersection of the two descriptions as the common interactions protocol if the union is satisfiable; and indicating where any incompatibility lies if the union is not satisfiable.

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(Figure 1)